10
9
8
7
6
5
4
3
2
1
127'-0" ABV. B.L.
4'-6"
122'-6" ABV. B.L.
TRUCK LIGHT (RED & WHITE)
ANTENNA YARD
ABSENCE LIGHT (WHITE) 116'-0" ABV. B.L.
ABSENCE, (WHITE) MAN OVER-BOARD & BREAK DOWN LIGHTS (RED) 110'-0" ABV. B.L.
ABSENCE LIGHT (WHITE) 104'-0" ABV. B.L.
BLINKER LIGHT 102'-6" ABOVE BASELINE.
SIGNALYARD
ABSENCE, (WHITE) MAN OVER BOARD & BREAKDOWN LIGHT (RED) 98'-0" ABV. B.L.
92'-5" ABV. B.L.
RANGE LIGHT, (WHITE) 86'-0" ABOVE BASELINE.
TOWING LIGHT, (WHITE) 80'-0" ABOVE BASE-LINE.
TOWING LIGHT, (WHITE) 74'-0" ABOVE BASELINE.
SIGNALYARD BRACE & ANTENNA
FORESTAY
MASTHEAD STAYS DOUBLE
MASTHEAD SHROUD
MAIN SHROUDS
MAST HEAD LIGHT, (WHITE) 65'-6" ABV. B.L.
ANTENNA
ANCHOR LIGHT (WHITE) 50'-0 ABV. W.L.
RADIO DIRECTION FINDER
RANGE FINDER
18" HI. S.L (P&S)
STANDARD COMPASS
18" I. S.L (P&S)
FIRE CONTROL PLATFORM
NAVIGATING BRIDGE
LIFE RAFTS P. & S.
26'-9" MOTOR BOAT
SIDE LIGHT (GREEN) 34'-0" ABV. W.L.
HINGED PORT
HINGED PORT
HINGED PORT
HOOD OVER VENT TRUNK OPENING
SUPERSTRUCTURE DECK
UPPER DECK
26'-0" MONOMOY SURF BOAT
25'-10" MOTOR S.R. SURF BOAT (TYPE S)
BOAT BOOM (P&S)
RAIN & SPRAY HOOD
6 Pdr GUN
5"-51 CAL GUN No.2
5"-51 CAL GUN No.1
LEADSMAN PLATFORM
ANCHOR DAVIT
STEERING LIGHT
ANCHOR LIGHT (WHITE) 28'-0 ABV. W.L.
STERN CHOCK
STERN LIGHT (WHITE) IN RECESS
12'-6" W.L.
154 A.P.
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
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18
16
14
12
10
8
6
4
2
F.P.
12'-6" W.L.

No.	PART	DESCRIPTION	APPROVED	DATE	AUTHORIT
A		HAWSE PIPE & FOR'D CHOCKS RELOCATED. FREEING PORTS OMITTED & DRAIN SLOTS SHOWN. OPENINGS & MOULDINGS ON SIDE & DECK HTS. CORRECTED. HANGAR PORTS, AIRPORTS & WHISTLE STEAM LINE RELOCATED AND RIGGING & ANTENNA, AIRPLANE BOOM & RAILS MODIFIED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935.	JKB	3/21/	

ALTERATIONS

U.S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
OUTBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA., PA.

SCALE 1/4" = 1 FOOT

DRAWN BY PETTIT	DATE	
TRACED BY PETTIT		
CHECKED BY HILL		
CHARGE OF DIVISION Becker	12/19/34	
CHIEF DRAFTSMAN	1/4/35	
SATISFACTORY TO R.B. Lank Jr.	1/14/35	
SATISFACTORY TO		

GEORGE W. CAMPBELL
CUTTER NO. 65

SAMUEL D. INGHAM
CUTTER NO. 66

WILLIAM J. DU
CUTTER NO. 6

ROGER B. TANEY
CUTTER NO. 68

ALEXANDER HAMILTON
CUTTER NO. 69

JOHN C. SPEN
CUTTER NO. 7

GEORGE M. BIBB
CUTTER NO. 71

AUTHORITY
SEC'Y OF NAVY LETTER,
SO NYD-1A-Ky-1/28 JAN.
29TH 1934

CAPTAIN (CC) U.S.N.
MANAGER.

1-14-35

DRAWING NUMBER
~~C.G.65-71-0101-18~~ CG-327WHEC-0101-18

30 7/8" × 102" = 21.87 ft²

BULWARK
MAIN DECK
SECOND DECK
12'-6" D.W.L.
MOLDED ℄ BOTTOM OF KEEL
STORES D-208
HAWSER STOWAGE D-207
W.R. W.C.
W.R. W.C. & BATH
W.R. S.R. J
W.R. PASSAGE D-206
W.R. PASSAGE D-205
W.R. S.R. D
W.T. TRUNK D-204
W.R. S.R. B
WARD ROOM D-203
W. R. PANTRY
PASSAGE D-202
W.O. MESS ROOM
PASSAGE D-201
PASSAGE C-201
STORES D-420
STEERING ENGINE ROOM D-419
ENGINEER SPARE PARTS D-418
DIESEL
OIL D-415-F
GASOLINE STOWAGE D-412
2-1500 GAL. TANKS
HAND'L. ROOM D-411-M
STORES D-302
W.O. STORES D-301
MINE STOWAGE (PEACE TIME)
(6" POWDER MAG.) WAR TIME
D-408-M
RESERVE FEED WATER (PEACE TIME)
D-401-W
(1.1" MAGAZINE, WAR TIME)
AUXILIARY MACHINERY C-2
LUBRICATING OIL TANK
ENGINE ROOM C-1
ESCAPE TRUNK
FOAM GENERATOR
BOILER ROOM B-1
BOILER UPTAKE
MAIN FEED PUMP
FEED AND FILTER TANK
N.W.T. FLAT AT TOP OF KEEL
N.W.T. FLAT TO FOLLOW LINE OF TOP OF WEBS
AIRPLANE BOOM KINGPOST
1.1" A.A. GUN FOUNDATION ON ℄ OF SHIP
BOAT WINCH
AUXILIARY GENERATOR
HANGAR DECK
LADDER TO BE STOWED IN HANGAR EXCEPT WHEN PLANE IS ABOARD
ROLLER CURTAIN PORTABLE SECTION & DOOR ON ℄
HANGAR AVIATION STORES & WORKSHOP
HINGED PORTS P.&S.
LINE OF FOR'D BULWARK CONTINUED
LINE OF MAIN DK. AT SIDE.
SEMI-PORTABLE PLATE IN WAY OF ENGINE HATCH P. & S.
RADIO ROOM
ATMOSPHERIC VENT PIPE
MAIN SHROUD
MAST
℄ RANGE FINDER
16'-0" NON-MAGNETIC CIRCLE FOR MOVABLE MATERIAL
R.F. WORKING PLAT.
FIRE CONTROL PLAT.
WHEEL HOUSE
STEERING COMPASS
NAVIGATING BRIDGE
CHART ROOM
PYRO. LOCKER
UPTAKE SPACE
FIDLEY SKYLIGHT 2'0" X 4'0"
SUPERSTR. DECK
C.O. CABIN
UPPER DECK
BLOWER ROOM
EXHAUST TRUNK
PASSAGE
BREAD ROOM
TRUNK
GALLEY
VEG'L LOCKER
4000 C.F.M. VENT SUPPLY
LAUNDRY
HOSPITAL
DARK ROOM
DENTIST OFFICE
GUN CREW SHELTER
PASSING SCUTTLE PORT
BLAST SHIELD
#2 GUN PLATFORM
5" GUN #1
PORTABLE PLATE
PLATFORM
ANCHOR DAVIT
JACK STAFF
MOVING PICTURE ROOM
SHIPS SERVICE STORE
C.P.O. MESS ROOM
CREWS SPACE (MESSING) A-206
CREWS SPACE A-205
CREWS SPACE A-204
C.P.O. WASH RM. & W.C.
CREWS WASH ROOM A-203
PASSAGE
WINDLASS ROOM A-202
BOATSWAINS STORES A-201
F.O. A-423-F
ENGINEER STORES
A-307
COLD STORAGE A-306
MEDICAL STORES
MISC. STORES A-305
CREWS SPACE A-304
STORES A-303
PAINT MIXING ROOM A-302
CHAIN L'KRS A-301
F.O. A-423-F
A-421-F F.O. & BALLAST
HOLD (PEACE TIME)
1.1" MAGAZINE (WAR TIME) A-415
SALUTING POWDER (PEACE TIME)
HAND'L. ROOM A-412-M
5" PDR. MAG.
TRUNK A-411
SHELL ROOM (PEACE TIME)
HAND'L. ROOM (WAR TIME) A-410-M
F.W. A-407-W
F.W. A-406-W
F.W. A-405-W
PUMP ROOM & STORES A-404
PAINT DRUMS A-403
PEAK TANK A-402-V
A-401-V
PLATFORM DECK
MOLDED ℄
N.W.T. FLAT IN HOLD TO FOLLOW LINE OF TOP OF WEB FRAMES
N.W.T. FLAT 3'-0" ABOVE BASELINE BET. LONGITUDINAL BHDS. IN TRUNK, SALUTIN PWDR, & SHELL ROOM. PORTABLE PLATES IN MAGAZINES
N.W.T. FLAT ON LONG'L #4

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
E.S.	ESCAPE SCUTTLE
H.	HATCH
V.L.	VERTICAL LADDER
B.P.	BOLTED PLATE
M.H.	MANHOLE
C.H.	COMPANION HATCH
O.M.H.	OIL-TIGHT MANHOLE
O.T.	OIL-TIGHT

Nº.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.
	B	STEERING LIGHT & HANGAR PORTS RELOCATED, NAV. BR. WINDOWS & RIGGING CHANGED, RAILING AROUND RANGE FINDER PLATF. & STRUT FRS. 63-66-2ND DECK ADDED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. VOID SPACE D-420 CHANGED TO STORES, RADIO ANTENNA RELOCATED & ANTENNA LEAD IN TRUNK ADDED. AIRPLANE BOOM, KINGPOST, STANCHIONS, RAILINGS, ETC, & AMM. HOISTS MODIFIED & RELOCATED AND PLAN BROUGHT INTO AGREEMENT WITH DETAIL DRAWINGS.		3/21/35	
	A	WINDLASS MOTOR ON 2ND DK. CORRECTED. VENT ADDED ON TOP OF LAUNDRY. BOAT WINCH ON MAIN DK. & HINGED PORTS RELOCATED. STACK & UPTAKES MODIFIED. BRACKET AT AFT END OF HANGAR ADDED. TANK FRS. 92-94½ CHANGED TO LUB. OIL & COMP'T. D-415-F CHANGED TO DIESEL OIL. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/14/35	

ALTERATIONS.

U. S. COAST GUARD CUTTERS.
C.G. 65 TO 71
CONTRACT PLAN
INBOARD PROFILE

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE $\frac{1}{4}$" = 1 FOOT

DRAWN BY HSulin

TRACED BY HSulin

CHECKED BY HILL

CHARGE OF DIVISION 11/16/34

CHIEF DRAFTSMAN 11/21/34

SATISFACTORY TO R.B. Lank Jr. CONSTRUCTOR, U.S.C.G. 11/21/34

SATISFACTORY TO COMMANDER, U.S.C.G.

AUTHORITY
SECT'Y OF NAVY LETTER, SONYD-1A-Kr-1/29 JAN. 29, 1934

GEORGE W. CAMPBELL CUTTER NO. 65
SAMUEL D. INGHAM CUTTER NO. 66
WILLIAM J. DUANE CUTTER NO. 67
ROGER B. TANEY CUTTER NO. 68
ALEXANDER HAMILTON CUTTER NO. 69
JOHN C. SPENCER CUTTER NO. 70
GEORGE M. BIBB CUTTER NO. 71

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. (QS13/S1-3(E3)).
DATE NOV. 27, 1934

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS)
LETTER No. CR-202
DATE 12/4/34

CAPTAIN (C.C.) U.S.N. MANAGER.
11-21-34

DRAWING NUMBER.
~~C.G. 657A-0101-16~~ CG-327 WHEC-0101-16

19.5#

29" x 103.5" = 20.844 SQ. FT.

STERN CHOCK
ENSIGN STAFF
RECESS FOR STERN LIGHT
A.P.
36"X54" R.W.H. 12" COAMING WITH GRATING
SEMI-PORTABLE PLATE
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT WITH GRATING
BULWARK RAIL CAP
CLOSED CHOCK IN BULWARK
BITT
DOWN
36"X54" R.W.C.H 12" COAMING 18" ESCAPE SCUTTLE
NO.4 GUN ℄
TOWING BITT
OPEN CHOCK
CAPSTAN & MOTOR
GAS HOSE PIT BOX W.T. COVER
23"X15" R.W.M.H 3⅞" COAMING
30"X30" R.W.H. 12" COAMING 8" FIXED LIGHT
HOIST UNDER
NO.3 GUN ℄
SIDE LADDER DAVIT SOCKET
SIDE LADDER. P. & S.
AIRPLANE WINCH
UP
LADDER TO TOP OF HANGAR.
PORTABLE SECTION WITH DOOR
26"X66" WE.A.T.D. 9" SILL 8" FIXED LIGHT
36"X54" R.W.C.H. 6" COAMING
END OF HOUSE (OVER)
STEEL ROLLER CURTAIN
HINGED PORT
HANGAR
AVIATION WORKSHOP & STORES
SEMI-PORTABLE PLATES IN WAY OF ENGINE HATCH UNDER, P.& S.
12" AIR PORTS
26"X66" W.T.D. 9" SILL FIXED LIGHT
12" COAMING
BHD. SLOPES OVER LADDER & VENT P.& S.
18" W.T. ESCAPE SCUTTLE FROM ENGINE ROOM
OPENINGS IN DK. 24"X20"
OPENING IN DK. 18"X18"
VENT TRUNK 36" HIGH
SLOPING BHD.
OPENING IN DK. 36"X22" P.& S.
OPENING 33"X50" P.& S.
OPENING IN BHD. P.& S.
W.T.
POTATO PEELER
8" COAM. ℞
SLOPING VENT TRUNK OVER P.& S.
BLOWER ROOM
VENT OPENINGS 4 SQ. FT.
UPTAKE
26"X66" A.T.D. 9" SILL
18"X24" ESCAPE OPENING FROM FIRE ROOM FITTED WITH RAIL
FORCED DRAFT BLOWER OPENING. P.& S.
2'-0"X4'-0" VEG. LKR.
BOAT BOOM P.&S. FITTED FOR SOUNDING
GIRDER OVER
MAST OVER
26"X66" N.W.T.D.D. 9" SILL UPPER HALF W.M.
26"X66" W.T.D. 9" SILL WITH FIXED LIGHT.
BREAD ROOM
ELEC. REFRIG.
TRUNK
KITCHEN MACH
VENT TRUNK
MEAT BLOCK
DOUGH TROUGH
KETTLE 30 GAL.
DRESSER
GALLEY
SINK.
GUARD RAIL
ELEC. RANGE BROILER IN BACK SHELF
GRIDDLE.
FRY KETTLE
BAKE OVEN.
PROOFER.
4" DRAIN P.&S.
PORTABLE ℞ FOR SHIPPING GALLEY EQUIPMENT.
2" DRAIN P.&S.
15"X30" N.W.B.P. 24" SILL.
LINE OF HOUSE (OVER)
26'-0" MONOMOY SURFBOAT
25'-10" MOTOR S.B. SURFBOAT P.&S.
BOAT WINCH & MOTOR
LAUNDRY
OPENING 36"X54"
26"X66" N.W.T.D.D. 9" SILL
RESERVE SPACE FOR FUTURE DOOR
26"X66" WEATHER T.D. 9" SILL
30"X66" WEATHER T.D. 9" SILL 8" FIXED LIGHT
CLIPPING ROOM (WAR TIME)
LIFE JACKETS & ABANDON SHIP LKR. (PEACE TIME)
SPACE FOR RES. HOIST
LEADSMAN PLATFORM PORTABLE
HOSPITAL
TYPE "D" 4-LOCKER
2 BERTHS
FILE CAB.
FLAT TOP DESK
T.W. SUP.
INST. CAB.
INST. DRESS. STAND
SURG. STOOL
DRUG CABINET
OPERATING TABLE
DRESSING
UTENSIL
INSTR.
W.C.
TOILET
A.T.
26"X66" M.J.D. 9" SILL
SLOP SINK
LAV.
RACK
DARK ROOM
DRESSER SHELVES OVER
LINEN LOCKER.
VENT.
N.W.T.
GIRDER OVER
36"X54" R.W.C.H. 6" COAM. 18" ESCAPE SCUTTLE
BLOWER ROOM
36"X66" W.T.D. 9" SILL
LKR.
SPACE RESERVED FOR HOIST
GUN CREW
RACK FOR READY SERVICE POWDER
SHELTER
AMMN. PASSING SCUTTLE
26'-0" WORKING & LEVEL GUN
5" GUN #1
W.T. TRUNK
FLUSH 30"X30" W.T. HATCH COAMING FLUSH WITH TOP OF PLATFORM.
PLATFORM FITTED WITH PIPE RAIL
CLOSED CHOCK IN BULWARK. P.& S.
LINE OF MAIN DK.
LINE OF BULWARK AND KNUCKLE
24"X24" R.W.H. 12" COAM.
F.P.
ANCHOR DAVIT
JACK STAFF

ABBREVIATIONS	
W.T.	WATER TIGHT
N.W.T.	NON-WATER TIGHT
WEATH.T.D.	WEATHER TIGHT DOOR
W.T.D.	WATER TIGHT DOOR
R.W.H.	RAISED WATER TIGHT HATCH
R.W.C.H.	RAISED WATER TIGHT COMPANION HATCH
W.T.D.D.	WATER TIGHT DUTCH DOOR
N.W.B.P.	NON-WATER TIGHT BOLTED PLATE
N.W.T.D.D.	NON-WATER TIGHT DUTCH DOOR
R.W.M.H.	RAISED WATER TIGHT MANHOLE
M.J.D.	METAL JOINER DOOR

NO.	PART.	DESCRIPTION.	APPROVED.	DATE.	AUTHORITY.
	C	GAS HOSE PIT BOX & MANHOLE FR. 120 RELOCATED, HOSPITAL SPACES REARRANGED. FREEING PORTS REMOVED & FREEING SLOTS NOTED IN ACCORDANCE WITH COMDT. U.S.C.G. LETTER CR-202/2071 DATED JAN. 23, 1935. HANGAR PORTS RELOCATED & FRAMING MODIFIED. FIXED LIGHTS, DOOR FR. 51, NO. 1 GUN PLATF., BOAT STOWAGE, AMMN. HOISTS & OPENINGS THRU DECK, ETC., FRS. 78 TO 95 MODIFIED & RELOCATED. & ANTENNA STUB MAST REMOVED TO SUIT DETAIL DRAWINGS.		3/21/35	
	B	BOAT WINCH FRS. 52-58 RELOCATED. VENTS FRS. 50-52 P.&S. AND 12" COAMING & 10" STEP AT OPENING FRS. 78 P.&S. ADDED. IN ACCORDANCE WITH COAST GUARD LETTER CR-202 DATED DEC. 4/1934		1/4/35	
	A	PLAN CORRECTED TO AGREE WITH C.&A. PLAN. TRUNK FRS. 15-17 INDICATED. KNUCKLE AT FR. 70 MODIFIED. DOOR TO GALLEY, FR. 66, PORT CORRECTED. IN ACCORDANCE WITH COMDT. U.S. COASTGUARD LET. No. CR-202 DTD. AUG. 29-1934.		10/5/34	

ALTERATIONS.

U.S. COAST GUARD CUTTERS.

C.G. 65 TO 71.

CONTRACT PLAN.

MAIN DECK.

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILA. PA.

SCALE ¼" = 1 FOOT

	DATE.
DRAWN BY PETTIT	
TRACED BY BELLEMAN	
CHECKED BY	
CHARGE OF DIVISION Besse	8/6/34
CHIEF DRAFTSMAN	8/7/34
SATISFACTORY TO R.B. Lank	8/7/34
SATISFACTORY TO W.R. Daniels	8/7/34

GEORGE W. CAMPBELL CUTTER NO. 65	SAMUEL D. INGHAM CUTTER NO. 66	WILLIAM J. DUANE CUTTER NO. 67
ROGER B. TANEY CUTTER NO. 68	ALEXANDER HAMILTON CUTTER NO. 69	JOHN C. SPENCER CUTTER NO. 70
GEORGE M. BIBB CUTTER NO. 71		

FORWARDED TO U.S.C.G. FOR APPROVAL
LETTER No. QS13/S1-3(E3)
DATE AUG. 8-1934.

APPROVED BY U.S. COAST GUARD (WITH MODIFICATIONS.
LETTER No. CR-202
DATE AUG. 29-1934.

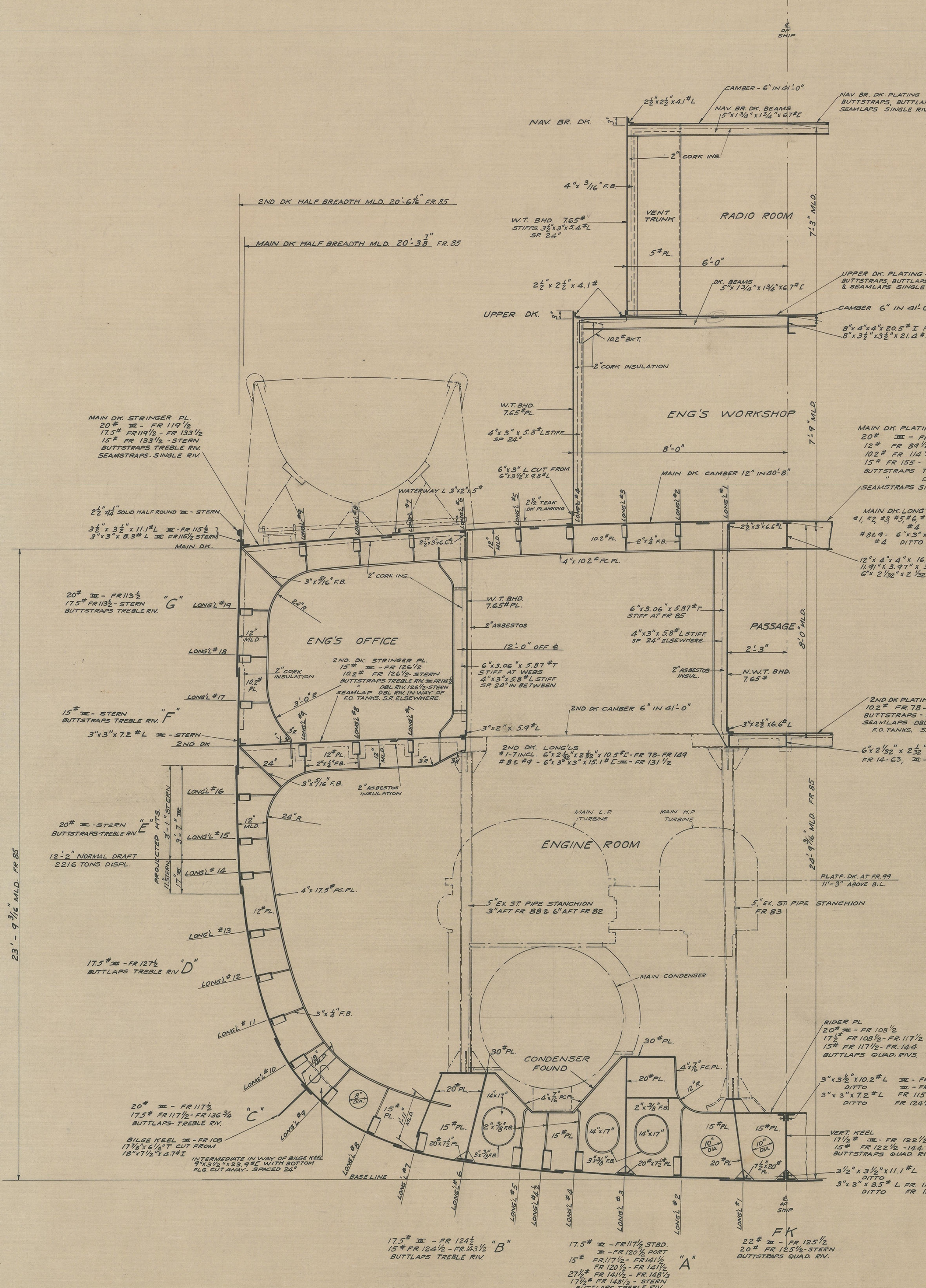
E.B. Brady
LIEUT. COMM. (C.C.) U.S.N.
FOR MANAGER.
8-7-34

AUTHORITY
SECT'Y OF NAVY LETTER, SONYD-1A-Kr-1/29 JAN. 29, 1934

DRAWING NUMBER.
~~C.G. 657I-0101-14~~ CG-327WHEC-0101-14

19.347

29" x 102⅛" = 20.57 SQ. FT.


℄ OF SHIP
NAV. BR. DK.
CAMBER - 6" IN 41'-0"
2½"x2½"x4.1#L
NAV. BR. DK. BEAMS 5"x1¾"x1¾"x6.7#[
NAV BR. DK. PLATING 7.65# BUTTSTRAPS, BUTTLAPS, SEAMSTRAPS SEAMLAPS SINGLE RIV.
2" CORK INS.
4"x 3/16" F.B.
W.T. BHD. 7.65# STIFFS. 3½"x3"x5.4#L SP. 24"
VENT TRUNK
RADIO ROOM
5#PL.
6'-0"
7'-3" MLD.
2ND DK HALF BREADTH MLD. 20'-6 1/16" FR. 85
MAIN DK HALF BREADTH MLD. 20'-3 1/8" FR. 85
2½"x2½"x4.1#
DK. BEAMS 5"x1¾"x1¾"x6.7#[
UPPER DK. PLATING - 7.65# BUTTSTRAPS, BUTTLAPS, SEAMSTRAPS & SEAMLAPS SINGLE RIV.
UPPER DK.
CAMBER 6" IN 41'-0"
8"x4"x4"x20.5# I FR43 - FR 70
8"x3½"x3½"x21.4#[FR76 - FR94
10.2# BKT.
2" CORK INSULATION
W.T. BHD. 7.65#PL.
4"x3"x5.8#L STIFF SP 24"
ENG'S WORKSHOP
8'-0"
7'-9" MLD.
MAIN DK. STRINGER PL. 20# ⌶ - FR 119½ 17.5# FR119½ - FR 133½ 15# FR 133½ - STERN BUTTSTRAPS TREBLE RIV. SEAMSTRAPS - SINGLE RIV.
6"x3" L CUT FROM 6"x3½"x9.8#L
WATERWAY L 3"x2"x5#
2½" TEAK DK PLANKING
MAIN DK. CAMBER 12" IN 40'-8"
MAIN DK. PLATING (EXCEPT STRINGER PL.) 20# ⌶ - FR. 89½ 12# FR 89½ - FR 114½ 10.2# FR 114½ - FR 155 15# FR 155 - STERN BUTTSTRAPS TREBLE RIV. DBL. RIV. FR. SEAMSTRAPS SINGLE RIV.
2½"x¼" SOLID HALF ROUND ⌶ - STERN
3½"x3½"x11.1#L ⌶ - FR 115½
3"x3"x8.3#L ⌶ FR115½ STERN
MAIN DK.
LONG'L #1 LONG'L #2 LONG'L #3 LONG'L #4 LONG'L #5 LONG'L #6 LONG'L #7 LONG'L #8 LONG'L #9
2½"x3"x6.6#L
10.2#PL.
2"x¼" F.B.
4"x10.2# FC. PL.
12" MLD.
MAIN DK. LONG'LS. #1, #2, #3, #5, #6, #7 6"x2 1/32"x2 1/32"x10.5#[#4 DITTO #8 & 9 - 6"x3"x3"x15.1#[#4 DITTO ⌶ - FR 9
12"x4"x4"x16.5# I 11.91"x3.97"x3.97"x14# 6"x2 1/32"x2 1/32"x10.5#[
20# ⌶ - FR113½ 17.5# FR113½ - STERN BUTTSTRAPS TREBLE RIV. "G"
LONG'L #19 LONG'L #18 LONG'L #17 LONG'L #16 LONG'L #15 LONG'L #14 LONG'L #13 LONG'L #12 LONG'L #11 LONG'L #10
3"x5/16" F.B.
2" CORK INS.
24"R
ENG'S OFFICE
W.T. BHD. 7.65#PL.
2" ASBESTOS
12'-0" OFF ℄
6"x3.06"x5.87#T STIFF AT FR 85
4"x3"x5.8#L STIFF SP. 24" ELSEWHERE
PASSAGE
2'-3"
8'-0" MLD.
N.W.T. BHD. 7.65#
2" ASBESTOS INSUL.
2ND. DK. STRINGER PL. 15# ⌶ - FR 126½ 10.2# FR 126½ - STERN BUTTSTRAPS TREBLE RIV. ⌶ FR114½ " DBL RIV. 126½ - STERN SEAMLAP DBL RIV. IN WAY OF F.O. TANKS. S.R. ELSEWHERE
6"x3.06"x5.87#T STIFF AT WEBS 4"x3"x5.8#L STIFF SP. 24" IN BETWEEN
2" CORK INSULATION
10.2# PL.
3'-0"R
15# ⌶ - STERN BUTTSTRAPS TREBLE RIV. "F"
3"x3"x7.2#L ⌶ - STERN
2ND DK
2ND DK CAMBER 6" IN 41'-0"
3"x2"x5.9#L
2ND DK PLATING (EXCEPT STR. PL.) 10.2# FR. 78 - STERN BUTTSTRAPS - DBL. RIV. SEAMLAPS DBL. RIV. IN WAY OF F.O. TANKS. S. RIV. ELSEWHERE
3"x2½"x6.6#L
6"x2 1/32"x2 1/32"x10.5#[FR 14-63, ⌶ - FR.148
12#PL.
2"x¼" F.B.
24"
2ND DK. LONG'LS #1-7 INCL. 6"x2 1/32"x2 1/32"x10.5#[- FR 78 - FR 149 #8 & #9 - 6"x3"x3"x15.1#[⌶ - FR 131½
2" ASBESTOS INSULATION
3"x5/16" F.B.
20# ⌶ - STERN BUTTSTRAPS - TREBLE RIV. "E"
PROJECTED HTS. 3'-1" STERN 3'-7" ⌶ 11" STERN 17" ⌶
12'-2" NORMAL DRAFT 2216 TONS DISPL.
23'-9 3/16" MLD. FR 85
4"x17.5# FC. PL.
12#PL.
MAIN L.P. TURBINE
MAIN H.P. TURBINE
ENGINE ROOM
24'-9 3/4" MLD. FR 85
PLATF. DK. AT FR. 99 11'-3" ABOVE B.L.
5" EX. ST. PIPE STANCHION 3" AFT FR 88 & 6" AFT FR 82
5" EX. ST. PIPE STANCHION FR 83
17.5# ⌶ - FR 127½ BUTTLAPS TREBLE RIV "D"
MAIN CONDENSER
3"x¼" F.B.
RIDER PL 20# ⌶ - FR 108½ 17½# FR 108½ - FR. 117½ 15# FR 117½ - FR. 144 BUTTLAPS QUAD. RIVS.
30#PL.
CONDENSER FOUND
4"x7/16" FC. PL.
20#PL.
12"R
3"x3½"x10.2#L ⌶ - FR 115¾ PORT DITTO ⌶ - FR 124½ STBD 3"x3"x7.2#L FR 115¾ - FR 144 DITTO FR 124½ - FR 144
20# ⌶ - FR 117½ 17.5# FR 117½ - FR 136¾ BUTTLAPS - TREBLE RIV. "C"
BILGE KEEL ⌶ - FR 108 17 7/8"x6⅛"T CUT FROM 18"x7½"x4.7#I
INTERMEDIATE IN WAY OF BILGE KEEL 9"x3½"x23.9#[WITH BOTTOM FLG. CUT AWAY. SPACED 24"
8" DIA.
15#PL.
1'-11" MLD.
14"x17"
2"x3/8" F.B.
3"x3/8" F.B.
10" DIA.
20#x7½#PL
VERT. KEEL 17½# ⌶ - FR 122½ 15# FR 122½ - 144 BUTTSTRAPS QUAD. RIV.
3½"x3½"x11.1#L ⌶ - FR 116 DITTO ⌶ - FR 121 3"x3"x8.5# L FR 116 - FR 145½ DITTO FR 121 - FR 145¼
BASE LINE
17.5# ⌶ - FR 124½ 15# FR 124½ - FR 123½ "B" BUTTLAPS TREBLE RIV.
17.5# ⌶ - FR117½ STBD. ⌶ - FR 120½ PORT 15# FR. 117½ - FR 141½ FR 120½ - FR 141½ 27½# FR 141½ - FR. 148⅓ 17½# FR 148⅓ - STERN BUTTLAPS TREBLE RIV. "A"
FK 22# ⌶ - FR 125½ 20# FR 125½ - STERN BUTTSTRAPS QUAD. RIV.

WEB FR. 85
STBD. SIDE LOOKING AFT
SCANTLINGS FROM ⌶ TO STERN

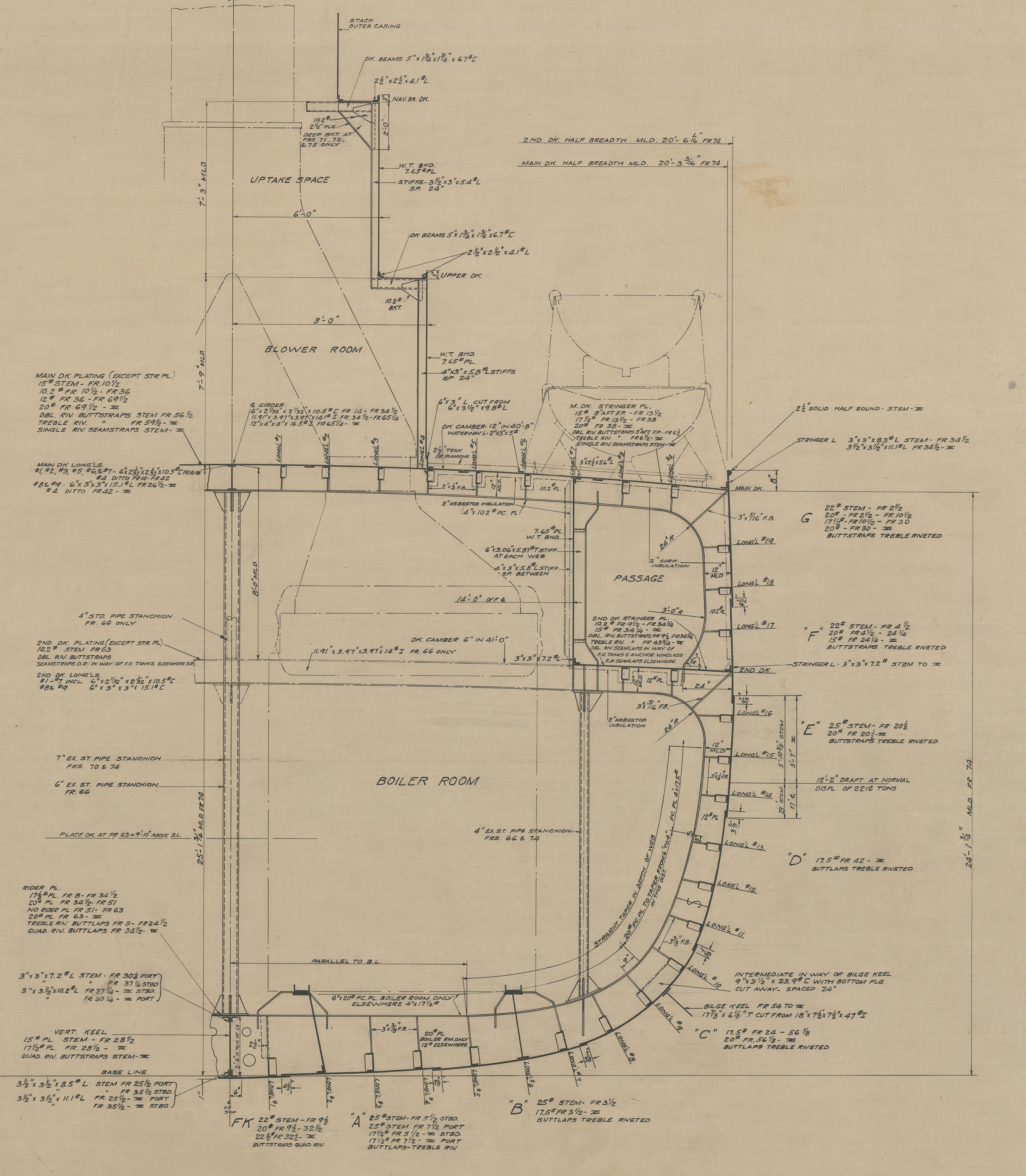
SHELL LONGITUDINALS
(FOR ENTIRE SHIP)

#1-3-4-4½-6-7 — 9"x3½"x3½"x23.9#[
EXCEPT:- #1-PLATE GIRDER FR 78 - FR96
#3 " " FR 78 - FR 88
#4 " " FR 123 - FR131
#6 " " FR 63 - FR96
#2 PLATE GIRDER FR 14¼ - FR82; FR 91 - FR110; FR 141 - FR144
9"x3½"x3½"x23.9#[FR 82 - FR91; FR 110 - FR141
#5 - PLATE GIRDER FR 51 - FR69; FR88 - FR99; FR 135 - FR148
9"x3½"x3½"x23.9#[- FR14 - FR43; FR 69 - FR86½
FR 119 - FR 135.
#2½ - 8 - 9 - 10 8"x3"x3"x18.7#[
#11 - 12 - 13 - 7"x3"x3"x16.4#[
#13½ - 14 - 15 - 16 - 17 - 18 - 19 - 6"x3"x3"x15.1#[

PLATFORM PLATING
STEM - FR 63
AND FR 99 - 119

12# PL. STEM - FR.5
15# PL. FR.5 - FR.8
8# PL. FR 8 - FR.51
10.2# PL. FR 51 - FR59
8# PL. FR. 99 - 119
BUTTS & SEAMS BUTT WELDED
DECK LONG'LS 6"x3½"x9.8# Ls
TOED TO DECK AND WELDED
SPACED 24"

NOTE:-
MIDSHIP IS AT FR 77


℄ OF SHIP
STACK OUTER CASING
DK. BEAMS 5"x1¾"x1¾"x6.7#[
2½"x2½"x4.1#L
NAV. BR. DK.
10.2# 2½" FLG.
DEEP BKT. AT FRS 71, 72, & 75 ONLY
2'-0"
2ND DK. HALF BREADTH MLD. 20'-6 1/16" FR74
MAIN DK. HALF BREADTH MLD. 20'-3 3/16" FR74
W.T. BHD. 7.65#PL.
STIFFS - 3½"x3"x5.4#L SP. 24"
UPTAKE SPACE
7'-3" MLD.
6'-0"
DK BEAMS 5"x1¾"x1¾"x6.7#[
2½"x2½"x4.1#L
UPPER DK.
10.2# BKT.
8'-0"
BLOWER ROOM
7'-9" MLD.
W.T. BHD. 7.65#PL.
4"x3"x5.8#L STIFFS SP 24"
MAIN DK. PLATING (EXCEPT STR PL.) 15# STEM - FR. 10½ 10.2# FR 10½ - FR36 12# FR 36 - FR 69½ 20# FR 69½ - ⌶ DBL. RIV. BUTTSTRAPS STEM FR 56½ TREBLE RIV. " FR 59½ - ⌶ SINGLE RIV. SEAMSTRAPS STEM - ⌶
℄ GIRDER: 6"x2 1/32"x2 1/32"x10.5#[FR 14 - FR 34½ 11.91"x3.97"x3.97"x14.1# I FR. 34½ - FR 65¼ 12"x4"x4"x16.5# I FR 65¼ - ⌶
6"x3" L CUT FROM 6"x3½"x9.8#L
DK. CAMBER - 12" IN 40'-8"
WATERWAY L - 2"x3"x5#
2½" TEAK DK PLANKING
M. DK. STRINGER PL. 15# 8' AFT F.P. - FR 13½ 17½# FR 13½ - FR 38 20# FR 38 - ⌶ DBL. RIV. BUTTSTRAPS 8' AFT F.P. - FR 6½ TREBLE RIV. " FR 6½ - ⌶ SINGLE RIV. SEAMSTRAPS STEM - ⌶
2½" SOLID HALF ROUND - STEM - ⌶
STRINGER L 3"x3"x8.3#L STEM - FR 34½ 3½"x3½"x11.1#L FR 34½ - ⌶
MAIN DK LONG'LS. #1, #2, #3, #5, #6, & #7 - 6"x2 1/32"x2 1/32"x10.5#[FR14 - ⌶ #4 DITTO FR14 - FR42 #8 & #9 - 6"x3"x3"x15.1#L FR 26½ - ⌶ #4 DITTO FR42 - ⌶
LONG'L #1 LONG'L #2 LONG'L #3 LONG'L #4 LONG'L #5 LONG'L #6 LONG'L #7 LONG'L #8 LONG'L #9
3"x2½"x5.6#L
2"x¼" F.B.
12" MLD.
10.2#PL.
MAIN DK.
8"
2" ASBESTOS INSULATION
4"x10.2# FC. PL
7.65#PL. W.T. BHD.
6"x3.06"x5.87#T STIFF AT EACH WEB
4"x3"x5.8#L STIFF SP. BETWEEN
3"x5/16" F.B.
24"R
G 22# STEM - FR 2½ 20# - FR 2½ - FR. 10½ 17½# - FR 10½ - FR 30 20# - FR 30 - ⌶ BUTTSTRAPS TREBLE RIVETED
LONG'L #19 LONG'L #18 LONG'L #17 LONG'L #16 LONG'L #15 LONG'L #14 LONG'L #13 LONG'L #12 LONG'L #11 LONG'L #10
2" CORK INSULATION
PASSAGE
8'-0" MLD
14'-0" OFF ℄
4" STD. PIPE STANCHION FR. 66 ONLY
2ND DK. PLATING (EXCEPT STR. PL.) 10.2# STEM FR63 DBL. RIV. BUTTSTRAPS SEAMSTRAPS D.R. IN WAY OF F.O. TANKS. ELSEWHERE S.R.
2ND DK. LONG'LS #1 - #7 INCL. 6"x2 1/32"x2 1/32"x10.5#[#8 & #9 6"x3"x3"x15.1#[
DK. CAMBER 6" IN 41'-0"
11.91"x3.97"x3.97"x14# I FR. 66 ONLY
3"x3"x7.2#L
3'-0"R
2ND DK. STRINGER PL. 10.2# FR 9½ - FR 34¼ 15# FR 34¼ - ⌶ DBL. RIV. BUTTSTRAPS FR 9½ - FR 34¼ TREBLE RIV. " FR 43¼ - ⌶ DBL. RIV. SEAMLAPS IN WAY OF F.O. TANKS & ANCHOR WINDLASS S.R. SEAMLAPS ELSEWHERE.
"F" 22# STEM - FR 4½ 20# FR 4½ - 24¼ 15# FR 24¼ - ⌶ BUTTSTRAPS TREBLE RIVETED
2ND DK.
STRINGER L - 3"x3"x7.2# STEM TO ⌶
12#PL.
24"
2" ASBESTOS INSULATION
"E" 25# STEM - FR 20½ 20# FR 20½ - ⌶ BUTTSTRAPS TREBLE RIVETED
7" EX. ST. PIPE STANCHION FRS. 70 & 74
6" EX. ST. PIPE STANCHION FR. 66
BOILER ROOM
12'-2" DRAFT AT NORMAL DISPL. OF 2216 TONS
PLATF. DK. AT FR 63 = 9'-10" ABOVE B.L.
25'-1 3/4" MLD. FR 74
4" EX. ST. PIPE STANCHION FRS. 66 & 74
24'-1 3/4" MLD. FR 74
"D" 17.5# FR 42 - ⌶ BUTTLAPS TREBLE RIVETED
STRAIGHT TAPER IN DEPTH OF WEB
20# FC. PL. TO TAPER FROM 6" TO 4" FC. PL 4"x17.5# IN THIS DIST.
RIDER PL. 17½#PL. FR 8 - FR 34½ 20# PL FR 34½ - FR 51 NO RIDER PL FR 51 - FR 63 20# PL FR 63 - ⌶ TREBLE RIV. BUTTLAPS FR 8 - FR 24½ QUAD. RIV. BUTTLAPS FR 34½ - ⌶
PARALLEL TO B.L.
3"x3"x7.2#L STEM - FR 30¼ PORT " FR 37¼ STBD 3"x3½"x10.2#L FR 37¼ - ⌶ STBD. " FR 30¼ - ⌶ PORT
6"x20# FC. PL. BOILER ROOM ONLY ELSEWHERE 4"x17½#
INTERMEDIATE IN WAY OF BILGE KEEL 9"x3½"x23.9#[WITH BOTTOM FLG. CUT AWAY - SPACED 24"
BILGE KEEL FR 54 TO ⌶ 17 7/8"x6⅛"T CUT FROM 18"x7½"x7½"x47#I
"C" 17.5# FR 24 - 56⅛ 20# FR. 56⅛ - ⌶ BUTTLAPS TREBLE RIVETED
VERT. KEEL 15#PL. STEM - FR 28½ 17½#PL. FR. 28½ - ⌶ QUAD. RIV. BUTTSTRAPS STEM - ⌶
20#PL BOILER RM. ONLY 12# ELSEWHERE
BASE LINE
3½"x3½"x8.5#L STEM FR 25½ PORT " FR 35½ STBD. 3½"x3½"x11.1#L FR. 25½ - ⌶ PORT FR 35½ - ⌶ STBD.
FK 22# STEM - FR 9½ 20# FR 9½ - 32½ 22½# FR 32½ - ⌶ BUTTSTRAPS QUAD. RIV.
"A" 25# STEM - FR 5½ STBD. 25# STEM FR 7½ PORT 17½# FR 5½ - ⌶ STBD. 17½# FR 7½ - ⌶ PORT BUTTLAPS - TREBLE RIV.
"B" 25# STEM - FR 3½ 17.5# FR 3½ - ⌶ BUTTLAPS TREBLE RIVETED

WEB FR 74
STBD. SIDE LOOKING FOR'D
SCANTLINGS FROM STEM TO ⌶

WELDING

1. CONNECTION OF BHDS TO SHELL AND DECKS TO BE MADE WITH DOUBLE CONTINUOUS WELDS OF SIZES BASED ON THE EQUIVALENT RIVETED CONNECTION AS SPECIFIED ON BUREAU OF C&R PLANS #214702 & 214707
2. STIFFENER CONNECTIONS TO BHD. PLATING IN WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE BY 50% INTERMITTENT WELDS OF THE SIZES SPECIFIED ON DETAIL PLANS.
3. WEB CONNECTIONS TO SHELL PLATING AND VERTICAL KEEL TO BE MADE WITH DOUBLE CONTINUOUS WELDS ACCORDING TO C&R PLANS #214702 & #214707.
4. WEB CONNECTIONS TO DECKS AND FACE PLATE CONNECTIONS TO WEBS LOCATED IN WAY OF WATER TANKS ONLY TO BE MADE WITH DOUBLE CONTINUOUS WELDS, ELSEWHERE 50% INTERMITTENT WELDS.

GALVANIZING & PICKLING

THE FOLLOWING STRUCTURES ARE TO BE GALV.:-

1. SHELL PLATING COMPLETE BELOW AND INCLUDING WATER LINE STRAKE
2. SHELL LONG'LS, EXCEPT THOSE WHOLLY WITHIN FUEL OIL TANKS (WHICH ARE TO BE BLACK) TRANSVERSE FRAMES, AND FLOORS BELOW 1ST PLATFORM OR 10'-0" W.L. EXCEPT AS NOTED BELOW.
3. KEEL COMPLETE WITH ITS BRACKETS & ANGLES.
4. PLATING ONLY, OF THE PLATFORM, SECOND, AND MAIN DKS., AND ANGLES CONNECTING TO TOP OF DECK PLATES. NO DECK LONG'LS NEED BE GALV. EXCEPT UNDER PLATFORM AND 2ND DECK IN WAY OF WATER TANKS.
5. BHDS BOUNDING RESERVE AND EMERGENCY FEED WATER TANKS, PEAK TANKS, AND DRAINAGE TANKS COMPLETE WITH THEIR STIFFS. IF INSIDE OF TANKS.
6. ENTIRE STRUCTURE WITHIN WATER TANKS.
7. ALL BHD. PLATING AND STIFFS BELOW THE PLATFORM DK. OR 10'-0" W.L. EXCEPT AS FOLLOWS:- BHDS AND STIFFS. WHOLLY WITHIN THE FUEL OIL TANKS ARE NOT TO BE GALV. EXCEPT THE BOTTOM STRAKE OF PLATING, AND ON TRANS. FRAMES AND FLOORS IN WAY OF FUEL AND BALLAST TANKS THE WEB PL. UP TO THE 5TH LONG'L IS THE ONLY PL TO BE GALV.

PICKLING:- WITH THE EXCEPTION OF MATERIAL FURNACED BY SHIP CONTRACTORS ALL BLACK MATERIAL TO BE PICKLED IMMEDIATELY AFTER DELIVERY FROM MILL AND GIVEN ONE COAT OF METALLIC BROWN FORMULA #48A EXCEPT MATERIAL IN WAY OF FUEL OIL TANKS. THIS MATERIAL IS TO BE PICKLED BUT NOT PAINTED BEFORE ERECTION.

NOTE:-
THIS DRG. CANCELS AND SUPERSEDES
DRG. NO. 0101-5

NO	PANEL	DESCRIPTION	APPROVED	DATE	AUTHORITY

ALTERATIONS

COAST GUARD CUTTERS 65-71

MIDSHIP SECTION

INDUSTRIAL DEPARTMENT, NAVY YARD, PHILADELPHIA

SCALE ½" = 1FT.

GEORGE W. CAMPBELL CUTTER NO. 65
SAMUEL D. INGHAM CUTTER NO. 66
WILLIAM J. DUANE CUTTER NO. 67
ROGER B. TANEY CUTTER NO. 68
ALEXANDER HAMILTON CUTTER NO. 69
JOHN C. SPENCER CUTTER NO. 70
GEORGE M. BIBB CUTTER NO. 71

DRAWN BY S. DILLON	DATE 4/24/36
TRACED BY S. DILLON	4/24/36
CHECKED BY E.R.	5/6/36.
CHARGE OF DIVISION A M Stefano	5/12/36
CHIEF DRAFTSMAN	6/29/36
EXAMINED	
SATISFACTORY TO	
AUTHORITY	

COMMANDER, U. S. C. G.

R. B. Lank, Jr.
CONSTRUCTOR, U. S. C. G.

S. E. Dudley
LT. COMDR. (CC) USN
6-29-36

CG-327WHEC-0101-21

DRAWING NUMBER
~~CG 6571-0101-21~~
DATE 6-29-36

12.94

AREA 69¾" x 28½ = 13.8 SQ FT.